Abstract of the Disclosure

A channel data extracting circuit for
extracting data for each channel from a frame in which
byte data of channels are multiplexed includes a Banyan
unit and data control unit. The Banyan unit distributes
data for respective channels by Banyan switches of
planes corresponding to the channels, and sequentially
aligns word data. The data control unit transmits to
the Banyan unit a control signal representing a channel
to which data belongs, and controls the operations of
the Banyan switches. A channel data extracting method
is also disclosed.